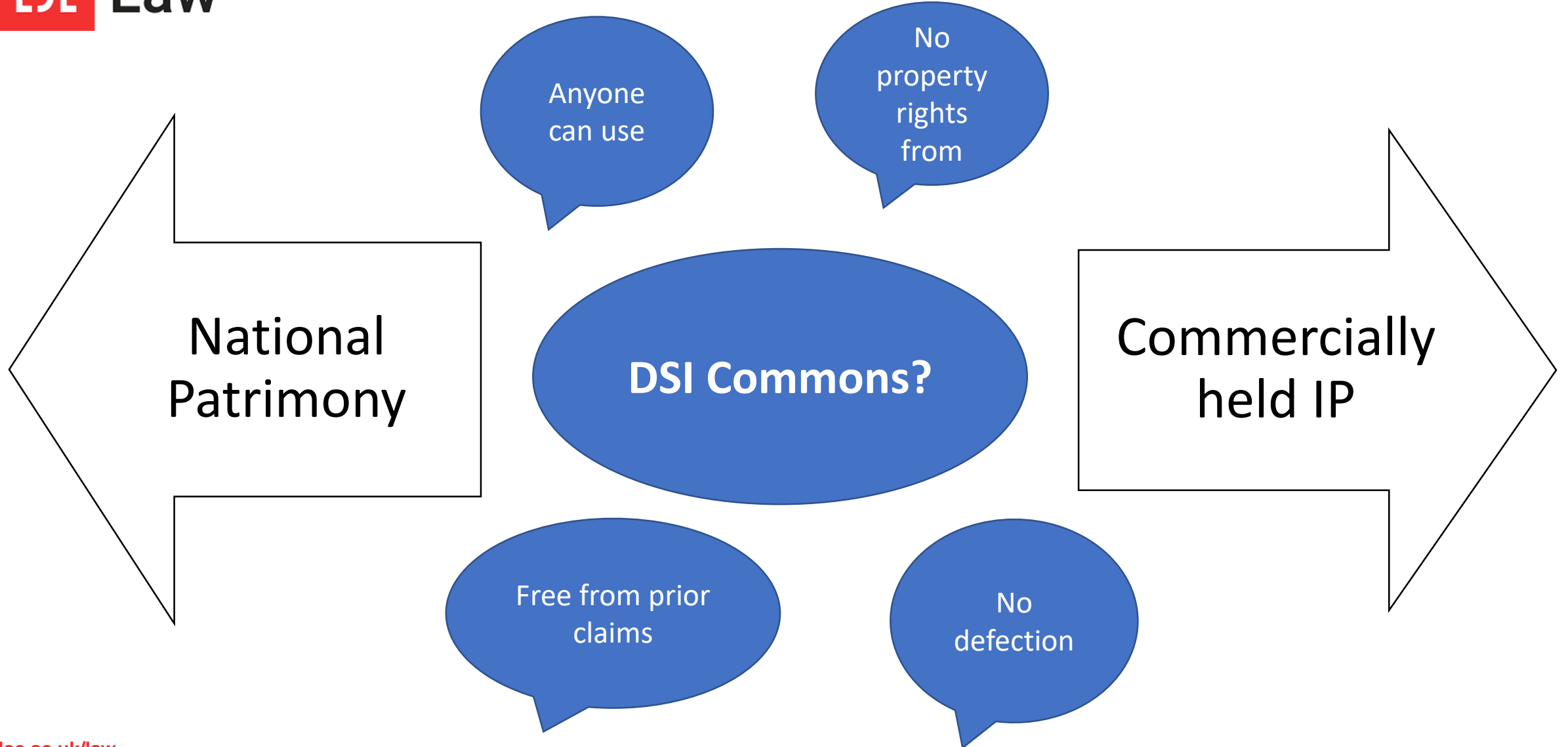


A DSI Commons: Merely challenging or impossible?



Thickets and Alteration and public domain

1. **Marine eukaryotic microorganism** ONC-T18 – isolated from salt marshes in Nova Scotia, Canada (serial culture and purification techniques)
 1. **Nucleic acids (isolated, characterised)** – use for fatty acid production – organisms containing these compositions and expressing them.
 2. Claim the order Thraustochytriales wherein the eukaryotic microorganism produces unsaturated fatty acids.
2. 17 different patents, and pending patent applications – many ‘equivalent’ claims including claims on family and order, delivery of fatty acids to consumers.
3. Comparison of SEQ ID NO:1 with nucleic acid sequences found in GenBank using the BLAST **related (91% similarity) to several eukaryotic Thraustochytrid species**, closely related to *Thraustochytrium* sp. CHN-1 [AB126669] (94.5% similarity) and *Thraustochytriidae* sp. N1-27 [AB073308] (95.5% similarity), and most closely related to *Thraustochytrium striatum* [AF265338] (97.5% similarity).
4. **Homology and bioinformatics** – an important element of patent claim disclosure and scope: used to characterise, confirm, identify uses/industrial application, expand scope – is an integral element of how DSI is used in propertization.